| 1 | Ind | ex | of | Cla | ims | |
|---|-----|----|----|-----|-----|--|
| | | | | | | |
| | | | Ш | | | |
| | | | | | | |

| Application/Control No. | App |
|-------------------------|-----|
| | Ree |

plicant(s)/Patent under examination

10/642,439

BROPHY ET AL. Art Unit

Examiner

1755

James E. McDonough

Allowed

Rejected

(Through numeral) Cancelled

N

Non-Elected

Appeal Α

Restricted

Interference

0 Objected

| | .: | Data | | | Claim Date | | | | | | | | 7 | | aim | | Date | | | | | | | | | | | | | | | |
|-------|----------|----------|----------|--|------------|--------------------|-------------------------------------|----------|-----|----------|----------|----------|--------------|-----------|----------|---------|------------|--------------------|-------------------|--------------------|----------|----------|----------|----------|------------------------------|----------|--------------|----------|--------------|----------|---|------------|
| Cla | ıım | <u> </u> | Date | | | | | aim | ١., | Date | | | | | | | | | aim | | | | L | /ale | , | | | _ | | | | |
| Final | Original | 3/7/07 | | | | | | | | | Final | Original | | | | | | | | | | Final | Original | | | | | | | | | |
| | 1 | 1 | | | | | | | | | | 51 | | | | | \perp | | | | | | 101 | | | | | | | _ | | |
| | 2 | - | П | | | | | | | \neg | | 52 | | | | \Box | | | | | | | 102 | | | | | | | | | |
| | 3 | 1 | П | | | | | | | | | 53 | | | | | | | | | | | 103 | | | | | | | | | |
| | 4 | - | П | | | | | | | | | 54 | | | Ī | | | | | | | | 104 | | | | | | | | | |
| | 5 | 1 | | | | | | | | | | 55 | | \neg | | | | | | | | | 105 | | | | | | | | | |
| | 6 | - | | | | | | | | | | 56 | | | | | | | | | | | 106 | | | | | | | | | |
| | 7 | 1 | П | | | | | | | | | 57 | | | | | | | | | | | 107 | | | | | | | | | |
| | 8 | 1 | П | | | | | | | | | 58 | | | | | | | | | | | 108 | | | | | | | | | |
| | 9 | 1 | | | | | | | | | | 59 | | | | | | | | | | | 109 | | | | | | | | | |
| | 10 | - | | | | | | | | | | 60 | | | | | | | $\cdot \bot$ | | | | 110 | | | | | | | \perp | | |
| | 11 | 1 | | | | | | | | | | 61 | | | | | | | | | | | 111 | | | | | | | | | _ |
| | 12 | - | | | | | | | | | | 62 | | | \Box | | \Box | \Box | \Box | | | | 112 | | | | | | | | | _ |
| | 13 | - | | | | | | | | | | 63 | | | | | | | \Box | | | | 113 | | | | | | | | | _ |
| | 14 | - | | | | | | | | | | 64 | | | | | | | | | | | 114 | | | | | | | \perp | | |
| | 15 | - | | | | | | | | | | 65 | | | | | | $oldsymbol{\perp}$ | \Box | | | | 115 | | | | | | | | | _ |
| | 16 | - | | | | | | | | | | 66 | | | | | \Box | \Box | \Box | | | | 116 | | | | | | | | | |
| | 17 | - | | | | | | | | | | 67 | | | | | | | \Box | | | | 117 | | | | | | | [| | _ |
| | 18 | - | | | | | | | | | | 68 | | | | | _] | | \Box | | | | 118 | | | | | | | | | _ |
| | 19 | - | | | | | | | | | 4 | 69 | | | | | \Box | | | | | | 119 | | | | | | | | | _ |
| | 20 | - | | | | | | | | | | 70 | | | \Box | \Box | \Box | \Box | \Box | $oxed{oxed}$ | | | 120 | | | | | | | | | _ |
| | 21 | - | | | | | | | | | | 71 | | | \Box | | | \Box | | | ╝ | | 121 | | | | | | | [| | _ |
| | 22 | Ē | | | | | | | | | | 72 | | | \Box | | | | $oldsymbol{\bot}$ | $oldsymbol{\perp}$ | | | 122 | \Box | | <u> </u> | | | | _[| | _ |
| | 23 | - | | | | | | | | | | 73 | | | | | | | \perp | | ╛ | | 123 | _ | L | _ | | | | \perp | | _ |
| | 24 | 1 | | | | | | | | | | 74 | | | | | | | \perp | | ╛ | | 124 | _ | | | | | | _ | _ | <u>—</u> |
| | 25 | <u> </u> | | | | | | | | | | 75 | | | _ | | \perp | | \perp | | ╛ | | 125 | L | \Box | L | | | | | | |
| | 26 | - | | | | | | _ | | | | 76 | | | _ | | \Box | | \perp | | ╛ | | 126 | L | | _ | | | | _ | | _ |
| | 27 | - | | | | | | | | | | 77 | | | ᆜ | \Box | \Box | | _ | | _ | <u> </u> | 127 | | | | _ | | | _ | _ | _ |
| | 28 | 1 | | | | | | | | | | 78 | | | \perp | | | | \perp | | 4 | | 128 | | _ | | | | | | | — |
| | 29 | - | | | | | | L | | | | 79 | | | _ | \perp | _ | | \perp | | _ | <u> </u> | 129 | | | L | $oxed{oxed}$ | | | \perp | | _ |
| | 30 | Ŀ | | | | | | | | | | 80 | | | \dashv | ╧ | _ | | _ | _ | _ | <u> </u> | 130 | Ш | | _ | | | Ш | \dashv | | <u> </u> |
| | 31 | Ŀ | \Box | | | $oxedsymbol{oxed}$ | | _ | Ш | \Box | | 81 | | | | _ | \perp | | _ | \perp | _ | L_ | 131 | L_ | | | | | Ь., | | _ | <u>—</u> |
| | 32 | 1 | | | | | | | | \Box | | 82 | | Щ | | \bot | \perp | \dashv | \perp | \perp | \Box | | 132 | <u> </u> | _ | · | Ш | | \sqcup | | | <u>—</u> |
| | 33 | - | | | | | | | | \Box | L | 83 | | Ш | _ | | | | \perp | \perp | \Box | L | 133 | 匚 | | | _ | | Щ | \dashv | | ⊢ |
| | 34 | 1 | Ш | | | | | | | \Box | | 84 | | Ш | | | | \perp | \perp | _ | \Box | | 134 | <u> </u> | | | <u> </u> | | Щ | _ | | <u> </u> |
| | 35 | 1 | Ш | | | | | <u> </u> | L | | | 85 | | | | | | | _ | \perp | \Box | | 135 | <u> </u> | | | L_ | | Щ | \dashv | | <u>—</u> |
| | 36 | 1 | Ш | | | | L | L | | _ | <u> </u> | 86 | \perp | Ш | | _ | | \perp | _ | \perp | \Box | ļ | 136 | <u></u> | | L_ | <u> </u> | | Ш | _ | | - |
| | 37 | 1 | Ш | | | | L | | | | | 87 | | Ш | | [| | _[| \perp | _ | _ | | 137 | <u> </u> | Ш | <u> </u> | \sqcup | _ | | | | <u> </u> |
| | 38 | 1 | Ш | | | | | L | | | <u> </u> | 88 | $oxed{oxed}$ | \Box | | | _ | _ | _ | \perp | _ | <u> </u> | 138 | _ | L | <u> </u> | _ | | | _ | | <u> </u> |
| | 39 | 1 | Ш | | | | | <u> </u> | Ш | \sqcup | L_ | 89 | \perp | Ш | | \perp | | | _ | | _ | | 139 | <u> </u> | <u> </u> | <u> </u> | _ | | \Box | _ | | <u> </u> |
| | 40 | ٧ | Ш | | | | | _ | Ш | | | 90 | $oxed{oxed}$ | \sqcup | | _ | _ | | _ | | _ | | 140 | <u> </u> | _ | L. | <u> </u> | | <u> </u> | _ | | \vdash |
| | 41 | 1 | Ш | | | | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_ | | _ | | 91 | <u> </u> | Ш | | [| | | _ | _ _ | _ | | 141 | <u> </u> | $ldsymbol{ldsymbol{\sqcup}}$ | <u> </u> | <u> </u> | | <u> </u> | | | <u> </u> |
| | 42 | 1 | Ш | | Ш | Ш | Щ | _ | Ш | _ | | 92 | $oxed{oxed}$ | \sqcup | _ | _ | _ | | | | _ | L | 142 | <u> </u> | | <u> </u> | <u> </u> | | $oxed{oxed}$ | _ | | \vdash |
| | 43 | 1 | Ш | | | $oxed{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _ | Ļ | \Box | | 93 | <u> </u> | \square | _ | _ | _ | _ | | _ _ | _ | | 143 | <u> </u> | _ | L- | _ | | <u> </u> | _ | _ | \vdash |
| | 44 | - | Ш | | | _ | <u> </u> | <u> </u> | Ш | \Box | | 94 | <u> </u> | Ш | _ | | | | _ | \perp | _ | <u> </u> | 144 | <u> </u> | \vdash | <u> </u> | <u> </u> | _ | <u> </u> | \dashv | _ | - |
| | 45 | 1 | Ш | | | $oxed{oxed}$ | | L_ | Ш | _ | L. | 95 | _ | | _ | _ | _ | _ | _ | _ | \dashv | <u> </u> | 145 | <u> </u> | _ | <u> </u> | <u> </u> | _ | <u> </u> | | | - |
| L | 46 | 1 | Ш | | _ | _ | <u> </u> | | Ш | \dashv | | 96 | | Ш | | _ | | | _ | _ | _ | | 146 | <u> </u> | L. | <u> </u> | <u> </u> | _ | \vdash | \sqcup | _ | - |
| | 47 | 1 | Ш | | Ш | L | <u> </u> | <u> </u> | Ш | \Box | | 97 | _ | Ш | | | _ | _ | _ | \perp | _ | | 147 | Ц_ | L. | _ | <u> </u> | _ | | \sqcup | | _ |
| | 48 | 1 | Ш | | <u> </u> | Щ | Щ | <u> </u> | Ш | = | | 98 | | Ш | | \Box | | _ | _ | _ | _ | | 148 | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | L_ | | | - |
| | 49 | L_ | <u> </u> | | | <u> </u> | <u> </u> | | Ш | \Box | | 99 | 1_ | Ш | | \Box | _ | | _ | _ | _ | <u> </u> | 149 | <u> </u> | L | <u> </u> | <u> </u> | L | <u> </u> | \sqcup | | <u> </u> |
| L | 50 | <u> </u> | | | L_ | <u> </u> | L | 1 | | | L_ | 100 | | | | | $_{\perp}$ | | \perp | | | <u> </u> | 150 | L | <u></u> | | | Щ | | | | _ |